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SHEET 1 OF 5

RM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: ASX-054C

APPLICANT(S): Klein et al.

SERIAL NO.: 09/917,224

FILING DATE: July 27, 2001 GROUP: 2812

EXAM. NIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE I
KN	Al	5,882,165	03/16/99	Maydan et al.	414		
K.N.	A2	5,855,681	01/05/99	Maydan et al.	118		
K.N.	A3	3,902,615	09/02/75	Levy et al.	214		/
KN	A4	3,972,424	08/03/76	Levy et al.	214		
ΚW	A5	4,008,815	02/22/77	Fisk	214		
KN	A6	4,437,961	03/20/84	Routh et al.	204		
KN	A7	4,586,743	05/06/86	Edwards et al.	294		
KN	A8	4,668,365	05/26/87	Foster et al.	204		/
KN	A9	4,715,921	12/29/87	Maher et al.	156		/
ΚN	A10	4,785,962	11/22/88	Toshima	220	/	1
KN	A11	4,819,167	04/04/89	Cheng et al.	364	/	
ΚN	A12	4,842,683	06/27/89	Cheng et al.	156	/	
Kч	A13	4,872,947	10/10/89	Wang et al.	156	/	
KN	A14	4,892,753	01/09/90	Wang et al.	427	/	
KAI	A15	4,911,597	03/27/90	Maydan et al.	414		
KN	A16	4,951,601	08/28/90	Maydan et al.	118		,
KN	A17	4,962,441	10/09/90	Collins ·	361		
KN	A18	5,000,113	03/19/91	Wang et al.	118		
K٧	A19	5,013,385	05/07/91	Maher et al.	156		/
KN	A20	5,046,909	09/10/91	Murdoch	414		/
ΚŊ	A21	5,102,495	04/07/92	Maher et al.	156		/
ΚN	A22	5,199,483	04/06/93	Bahng	165		
KN	A23	5,215,619	06/01/93	Cheng et al.	156		
Κų	A24	5,224,809	07/06/93	Maydan et al.	414	/	
Kr	A25	5,227,708	07/13/93	Lowrance	318	/	

FORM PTO - 1449

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2823

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Κω	A26	5,280,983	01/25/94	Maydan et al.	294		1
Κ'n	A27	5,292,393	03/08/94	Maydan et al.	156		7
KN	A28	5,308,431	05/03/94	Maher et al.	156		/
KN	A29	5,315,473	05/24/94	Collins et al.	361		
KN	A30	5,344,542	09/06/94	Maher et al.	204		
ΚN	A31	5,345,999	09/13/94	Hosokawa	165		
KN	A32	5,354,715	10/11/94	Wang et al.	437		
KN	A33	5,355,066	10/11/94	Lowrance	318		
KW	A34	5,360,996	11/01/94	Nulman et al.	257		
KN	A35	5,362,526	11/08/94	Wang et al.	427		
KN	A36	5,363,872	11/15/94	Lorimer	137		
KW.	A37	5,371,042	12/06/94	Ong	437		
KN	A38	5,387,067	02/07/95	Grunes	414		1
KN	A39	5,391,035	02/21/95	Krueger	414		1
KW	A40	5,399,387	03/21/95	Law et-al.	427		1
KN	A41	5,427,666	06/27/95	Mueller et al.	204		
KW	A42	5,443,995	08/22/95	Nulman	437		
Ka	A43	5,447,409	09/05/95	Grunes et al.	414		
ΚW	A44	5,460,689	10/24/95	Raaijmakers et al.	156	1	
KN	Á45	5,469,035	11/21/95	Lowrance	318		
kΝ	A46	5,512,320	04/30/96	Turner et al.	427		-
KN.	A47	5,521,120	05/28/96	Nulman et al.	437		
Kr	A48	5,534,231	07/09/96	Savas	216	/ _	
KIV	A49	5,538,390	07/23/96	Salzman	414	1	
<u> </u>	A50	5,556,147	09/17/96	Somekh et al.	294	1	
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FORM PTO - 1449

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5,556,248 5,563,798 5,566,744 5,570,994 5,579,718 5,607,009 5,607,776 5,630,690 5,630,916 5,630,917 5,636,964 5,643,366	09/17/96 10/08/96 10/22/96 11/05/96 12/03/96 03/04/97 03/04/97 05/20/97 05/20/97 05/20/97	Grunes Berken et al. Tepman Somekh et al. Freerks Turner et al. Mueller et al. Salzman Gerrish et al. Guo Somekh et al.	414 364 165 414 118 165 428 414 204 204		
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5,630,916 5,630,917 5,636,964	05/20/97 05/20/97 06/10/97	Gerrish et al.	204		
5,630,917 5,636,964	05/20/97	Guo			1
5,636,964	06/10/97		204		
		Somekh et al.		1	
5 643 366			414		
1 3,0 13,300	07/01/97	Somekh et al.	118		
5,656,902	08/12/97	Lowrance	318		1
5,658,442	08/19/97	Van Gogh et al.	204		1/
5,674,786	10/07/97	Turner et al.	437		1
5,678,980	10/21/97	Grunes et al.	414		
5,697,427	12/16/97	Ngan et al.	165		
5,697,750	12/16/97	Fishkin et al.	414		
5,730,801	03/24/98	Tepman et al.	118		
5,740,062	04/14/98	Berken et al.	364		
5,746,460	05/05/98	Marohl et al.	294	1	
5,746,897	05/05/98	Heimanson et al.	204		
5,747,360	05/05/98	Nulman	437		
5,764,012	06/09/98	Lowrance	318	1/	
5,799,860	09/01/98	De haray et al.	228	/	
	5,740,062 5,746,460 5,746,897 5,747,360 5,764,012 5,799,860	5,740,062 04/14/98 5,746,460 05/05/98 5,746,897 05/05/98 5,747,360 05/05/98 5,764,012 06/09/98 5,799,860 09/01/98	5,740,062 04/14/98 Berken et al. 5,746,460 05/05/98 Marohl et al. 5,746,897 05/05/98 Heimanson et al. 5,747,360 05/05/98 Nulman 5,764,012 06/09/98 Lowrance 5,799,860 09/01/98 Demaray et al.	5,740,062 04/14/98 Berken et al. 364 5,746,460 05/05/98 Marohl et al. 294 5,746,897 05/05/98 Heimanson et al. 204 5,747,360 05/05/98 Nulman 437 5,764,012 06/09/98 Lowrance 318 5,799,860 09/01/98 Demaray et al. 228	5,740,062 04/14/98 Berken et al. 364 5,746,460 05/05/98 Marohl et al. 294 5,746,897 05/05/98 Heimanson et al. 204 5,747,360 05/05/98 Nulman 437 5,764,012 06/09/98 Lowrance 318 5,799,860 09/01/98 Denaray et al. 228

EORM PTO - 1449

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KN	A76	5,780,357	07/14/98	Xu et al.	438		7
KΝ	A77	5,784,238	07/21/98	Nering et al.	361		7
KN	A78	5,788,453	08/04/98	Donde et al.	414		
KN	A79	5,788,799	08/04/98	Steger et al.	156		
KN	A80	5,789,878	08/04/98	Kroeker et al.	318		
KN	A81	5,795,355	08/18/98	Moran	29		
KN	A82	5,799,860	09/01/98	Demaray et al.	228		
ΚN	A83	5,803,977	09/08/98	Tepman et al.	118		1
KN	A84	5,810,937	09/22/98	Gupta et al.	134		1
KN	A85	5,822,171	10/13/98	Shamouilian et al.	361		
ΚN	A86	5,824,197	10/20/98	Tanaka	204		1
KN	A87	5,833,426	.11/10/98	Marohl	414		
KN	A88	5,838,121	11/17/98	Fairbairn et al.	318		
KN	A89	5,844,195	12/01/98	Fairbairn et al.	219		1
KN	A90	5,846,883	12/08/98	Moslehi	438		1
KN	A91	5,851,602	12/22/98	Law et al.	427		1
KN	A92	5,861,197	01/19/99	Law et al.	427		
KN	A93	5,871,588	02/16/99	Moslehi et al.	118		
KW	A94	5,861,086	01/19/99	Khurana et al.	204	/	
KN	A95	5,871,811	02/16/99	Wang et al.	427	/	
KN	A96	5,877,086	03/02/99	Aruga	438	/	
KΝ	A97	5,879,127	03/09/99	Grunes et al.	414		
KN	A98	4,405,435	09/20/83	Tateishi et al.	204	/	
KN	A99	4,747,928	05/31/98	Takahashi et al.	204	/	





EORM PTO - 1449 ATTORNEY DOCKET NO.: ASX-054C INFORMATION DISCEOSURE STATEMENT APPLICANT(S): Klein et al. Œ SERIAL NO.: 09/917,224 FILING DATE: July 27, 2001 GROUP: 2812 **U.S. PATENT DOCUMENTS** FILING DATE IF DOCUMENT DÀTE **CLASS** SUB EXAM. NAME INIT. NUMBER **CLASS** APPROPRIATE A100 5,661,913 09/02/97 Kato et al. 34 KN 204 A101 5,200,049 04/06/93 Stevenson et al. KN 06/18/96 Doessel et al. A102 5,527,605 428 KN 04/08/97 Kurabayashi et al. 106 A103 5,618,338 KΝ A104 5,643,427 07/01/97 Kobayashi et al. 204 KN A105 5,618,388 04/08/97 Seeser et al. 204 FOREIGN PATENT DOCUMENTS SUB **FILING** ABSTRACT EXAM. DOCUMENT DATE COUNTRY **CLASS ENGLISH** INIT. NUMBER CODE **CLASS** DATE ONLY LANG Y/N 08/20/86 GB Bl 2 171 119 A No Yes KNJP Yes B2 63024632 02/02/88 Yes KN 04/18/91 **B3** 03094070 JP Yes Yes KIN JP В4 05339723 12/21/93 Yes Yes KW 0 492 114 A1 07/01/92 EP No Yes-Abstract **B5** KN 01004472 01/09/89 JP Yes Yes В6 KN JP Yes Yes 1123068 05/16/89 **B7** 01309961 12/14/89 JP Yes Yes **B8** KN 05171432 07/09/93 JP Yes Yes В9 ľΝ B10 06184741 07/05/94 JP Yes Yes KN OTHER ART, JOURNAL ARTICLES, ETC. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) EXAM. INIT. "Automatic System for Single Wafer Reactive Ion Etching," IBM Technical Disclosure Bulletin, Vol. 33, CI No. 2, July 1990, pp. 239-242. M Haller et al., "High Frequency Performance of GE High Density Interconnect Modules," IEEE Transactions C2 on Components, Hybrids, and Manufacturing Technology, Vol. 16, No. 1, February 15, 1993, pp. 1-5. KN DATE CONSIDERED **EXAMINER** hremma

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